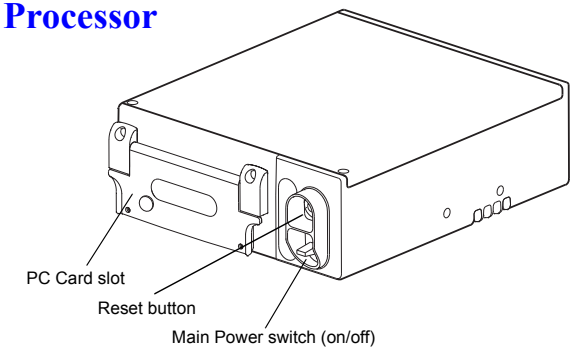
MOTOROLA

Mobile Workstation 520™

Model F5205

Quick Reference Card

Processor



Main Power Switch	Connects/disconnects the MW-520 power supply from the vehicle's battery.
Reset Button	Generates a hardware reset.
PC Card Slot	Two covered PC Card slots.

Commercial, Government and Industrial Solutions Sector
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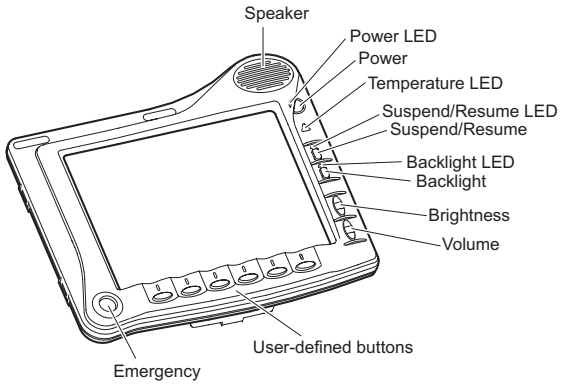
Color Display



Buttons

Power	Turns the MW-520 on/off.
Suspend/ Resume	Toggles between Suspend and Resume modes.
Backlight	Backlight control.
Brightness	Adjusts the on-screen light level (32 continuous linear brightness levels).
Volume	Adjusts the speaker's volume level.
User-defined	PC standard function keys.
Emergency	Special key for emergency.

LEDs

Power (green)	On:	System is powered on.
	Blinks:	The vehicle battery is discharged.
	Off:	System is off or the terminal is in Suspend mode.
Temperature (red)	Blinks:	Processor or display unit temperature is out of range.
Suspend/ Resume (green)	On:	System is in Suspend mode.
Backlight (green)	On:	LCD backlight is off.
	Blinks:	Ignore this information.
	Off:	LCD backlight is on.

Powering On

NOTE: The Main Power switch should be ON.
Press the Power button on the MW-520 display. All display buttons and LEDs will light for a period of one second. The Power LED remains lit.

For *ignition-sensitive* workstations, insert the car key into the ignition switch and rotate it to ACC position, or start the engine, before powering on.

Restarting

To avoid possible damage to the operating system data, always save information before restarting.

Warm boot: Press <Ctrl+Alt+Del>.

Cold boot: Press the Reset button on the processor's front panel.

Powering Off

Press the Power button on the MW-520 display.

In critical conditions, turn off the Power switch on the processor's front panel.

NOTE: Save important information.
CAUTION: Turning off the Power switch or disconnecting the power cable when the MW-520 is running under Windows 98/2000/Me may damage its operating system or hard disk.

Entering Suspend Mode

Press the Suspend/Resume button on the display.

The MW-520 automatically enters Suspend mode if there is no activity for a predefined number of minutes.

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Resuming from Suspend Mode

Press:

- Suspend/Resume button
- Emergency button
- Any keyboard key
- The touchscreen

The MW-520 automatically resumes if:

- A radio message is received.
- The *Suspend Timeout* time, as set in the BIOS setup, has elapsed.

Turning On/Off the Monitor

The display will shut down if the keyboard or touch pad is not used for a defined period of time (the default is 20 minutes). The display will turn back on when any key or the touch pad is pressed.

Adjusting the LCD Display

- Press the Backlight button to toggle backlight on and off.
- Press the Brightness button upper arrow to increase the brightness or the lower arrow to decrease the brightness.

NOTE: A screen saver should be used.
CAUTION: Do not display a single image on screen for an extended period of time.

Powering On in Extreme Temperature Conditions

When powering on in conditions immediately below or above the operating temperature range, the Temperature LED blinks.

The MW-520 will automatically power up once the operating temperature range is reached, or you may turn it off and try again later.

Powering On when the Processor is Faulty

If the processor unit is faulty during power on, the Backlight LED will blink.

Powering On with a Discharged Vehicle Battery

The MW-520 will power on normally when the vehicle battery voltage is at least 10.3V.

In the 9.4 - 10.3V range, the Power LED will blink and the MW-520 will not power up.

Below 9.5V, all LEDs and buttons will light up for a period of one second and the MW-520 will not power up.

Operating the MW-520 in Extreme Temperature Conditions

During normal operation, the Temperature LED will blink if the ambient temperature deviates from the normal operating range.

Operating the MW-520 with a Discharged Vehicle Battery

During normal operation, the Power LED will blink and a warning message will be displayed on the screen if the vehicle battery voltage drops to 10.2V. If the voltage continues to drop, the MW-520 will automatically power off at 8.5V.